

TABLE 2—AIRPLANES EXCLUDED FROM § 26.21—Continued

Airplane model	Default LOV [flight cycles (FC) or flight hours (FH)]
BAe 146-200-07	50,000 FC
BAe 146-200-07 Dev	50,000 FC
BAe 146-200-11	50,000 FC
BAe 146-200-07A	47,000 FC
BAe 146-200-11 Dev	43,000 FC
BAe 146-300 (all models)	40,000 FC
Avro 146-RJ70A (all models)	40,000 FC
Avro 146-RJ85A and 146-RJ100A (all models)	50,000 FC
D & R Nevada, LLC:	
Convair Model 22	1,000 FC/1,000 FH
Convair Model 23M	1,000 FC/1,000 FH
deHavilland Aircraft Company, Ltd.:	
D.H. 106 Comet 4C	8,000 FH
Gulfstream:	
GV	40,000 FH
GV-SP	40,000 FH
Ilyushin Aviation Complex:	
IL-96T	10,000 FC/30,000 FH
Lockheed:	
300-50A01 (USAF C 141A)	20,000 FC

[Doc. No. FAA-2006-24281, 75 FR 69785, Nov. 15, 2010]

§ 121.1117 Flammability reduction means.

(a) *Applicability.* Except as provided in paragraph (o) of this section, this section applies to transport category, turbine-powered airplanes with a type certificate issued after January 1, 1958, that, as a result of original type certification or later increase in capacity have:

- (1) A maximum type-certificated passenger capacity of 30 or more, or
- (2) A maximum payload capacity of 7,500 pounds or more.

(b) *New Production Airplanes.* Except in accordance with § 121.628, no certificate holder may operate an airplane identified in Table 1 of this section (including all-cargo airplanes) for which the State of Manufacture issued the original certificate of airworthiness or export airworthiness approval after December 27, 2010 unless an Ignition Mitigation Means (IMM) or Flammability Reduction Means (FRM) meeting the requirements of § 26.33 of this chapter is operational.

TABLE 1

Model—Boeing	Model—Airbus
747 Series 737 Series 777 Series 767 Series	A318, A319, A320, A321 Series A330, A340 Series

(c) *Auxiliary Fuel Tanks.* After the applicable date stated in paragraph (e) of this section, no certificate holder may operate any airplane subject to § 26.33 of this chapter that has an Auxiliary Fuel Tank installed pursuant to a field approval, unless the following requirements are met:

- (1) The certificate holder complies with 14 CFR 26.35 by the applicable date stated in that section.
- (2) The certificate holder installs Flammability Impact Mitigation Means (FIMM), if applicable, that is approved by the FAA Oversight Office.
- (3) Except in accordance with § 121.628, the FIMM, if applicable, is operational.

(d) *Retrofit.* Except as provided in paragraphs (j), (k), and (l) of this section, after the dates specified in paragraph (e) of this section, no certificate holder may operate an airplane to which this section applies unless the requirements of paragraphs (d)(1) and (d)(2) of this section are met.

(1) IMM, FRM or FIMM, if required by §§ 26.33, 26.35, or 26.37 of this chapter, that are approved by the FAA Oversight Office, are installed within the compliance times specified in paragraph (e) of this section.

(2) Except in accordance with § 121.628, the IMM, FRM or FIMM, as applicable, are operational.

(e) *Compliance Times.* Except as provided in paragraphs (k) and (l) of this section, the installations required by paragraph (d) of this section must be accomplished no later than the applicable dates specified in paragraph (e)(1), (e)(2), or (e)(3) of this section.

(1) Fifty percent of each certificate holder's fleet identified in paragraph (d)(1) of this section must be modified no later than December 26, 2014.

(2) One hundred percent of each certificate holder's fleet identified in paragraph (d)(1) of this section must be modified no later than December 26, 2017.

(3) For those certificate holders that have only one airplane of a model identified in Table 1 of this section, the airplane must be modified no later than December 26, 2017.

(f) *Compliance After Installation.* Except in accordance with §121.628, no certificate holder may—

(1) Operate an airplane on which IMM or FRM has been installed before the dates specified in paragraph (e) of this section unless the IMM or FRM is operational, or

(2) Deactivate or remove an IMM or FRM once installed unless it is replaced by a means that complies with paragraph (d) of this section.

(g) *Maintenance Program Revisions.* No certificate holder may operate an airplane for which airworthiness limitations have been approved by the FAA Oversight Office in accordance with §§26.33, 26.35, or 26.37 of this chapter after the airplane is modified in accordance with paragraph (d) of this section unless the maintenance program for that airplane is revised to include those applicable airworthiness limitations.

(h) After the maintenance program is revised as required by paragraph (g) of this section, before returning an airplane to service after any alteration for which airworthiness limitations are required by §§25.981, 26.33, or 26.37 of this chapter, the certificate holder must revise the maintenance program for the airplane to include those airworthiness limitations.

(i) The maintenance program changes identified in paragraphs (g) and (h) of this section must be submitted to the operator's Principal

Maintenance Inspector responsible for review and approval prior to incorporation.

(j) The requirements of paragraph (d) of this section do not apply to airplanes operated in all-cargo service, but those airplanes are subject to paragraph (f) of this section.

(k) The compliance dates specified in paragraph (e) of this section may be extended by one year, provided that—

(1) No later than March 26, 2009, the certificate holder notifies its assigned Flight Standards Office or Principal Inspector that it intends to comply with this paragraph;

(2) No later than June 24, 2009, the certificate holder applies for an amendment to its operations specification in accordance with §119.51 of this chapter and revises the manual required by §121.133 to include a requirement for the airplane models specified in Table 2 of this section to use ground air conditioning systems for actual gate times of more than 30 minutes, when available at the gate and operational, whenever the ambient temperature exceeds 60 degrees Fahrenheit; and

(3) Thereafter, the certificate holder uses ground air conditioning systems as described in paragraph (k)(2) of this section on each airplane subject to the extension.

TABLE 2

Model—Boeing	Model—Airbus
747 Series	A318, A319, A320, A321 Series
737 Series	A300, A310 Series
777 Series	A330, A340 Series
767 Series	
757 Series	

(l) For any certificate holder for which the operating certificate is issued after December 26, 2008, the compliance date specified in paragraph (e) of this section may be extended by one year, provided that the certificate holder meets the requirements of paragraph (k)(2) of this section when its initial operations specifications are issued and, thereafter, uses ground air conditioning systems as described in paragraph (k)(2) of this section on each airplane subject to the extension.

(m) After the date by which any person is required by this section to modify 100 percent of the affected fleet, no

certificate holder may operate in passenger service any airplane model specified in Table 2 of this section unless the airplane has been modified to comply with §26.33(c) of this chapter.

(n) No certificate holder may operate any airplane on which an auxiliary fuel tank is installed after December 26, 2017 unless the FAA has certified the tank as compliant with §25.981 of this chapter, in effect on December 26, 2008.

(o) *Exclusions.* The requirements of this section do not apply to the following airplane models:

- (1) Convair CV-240, 340, 440, including turbine powered conversions.
- (2) Lockheed L-188 Electra.
- (3) Vickers VC-10.
- (4) Douglas DC-3, including turbine powered conversions.
- (5) Bombardier CL-44.
- (6) Mitsubishi YS-11.
- (7) BAC 1-11.
- (8) Concorde.
- (9) deHavilland D.H. 106 Comet 4C.
- (10) VFW—Vereinigte Flugtechnische VFW-614.
- (11) Ilyushin Aviation IL 96T.
- (12) Bristol Aircraft Britannia 305.
- (13) Handley Page Herald Type 300.
- (14) Avions Marcel Dassault—Breguet Aviation Mercure 100C.
- (15) Airbus Caravelle.
- (16) Fokker F-27/Fairchild Hiller FH-227.
- (17) Lockheed L-300.

[Doc. No. FAA-2005-22997, 73 FR 42501, July 21, 2008, as amended by Amdt. 121-345, 74 FR 31619, July 2, 2009]

Subpart BB [Reserved]

§§ 121.1200-121.1399 [Reserved]

Subpart CC [Reserved]

§§ 121.1400-121.1499 [Reserved]

Subpart DD—Special Federal Aviation Regulations

§ 121.1500 SFAR No. 111—Lavatory Oxygen Systems.

(a) *Applicability.* This SFAR applies to the following persons:

(1) All operators of transport category airplanes that are equipped with any chemical oxygen generator installed in any lavatory that are en-

gaged in passenger-carrying operations and that:

(i) Operate under 14 CFR part 121; or
 (ii) Operate U.S.-registered airplanes with a maximum passenger capacity of 20 or greater under 14 CFR part 129.

(2) Applicants for airworthiness certificates.

(3) Holders of production certificates.

(4) Applicants for type certificates, including changes to type certificates.

(b) *Regulatory Relief.* Contrary provisions of 14 CFR part 21, and 14 CFR 25.1447, 119.51, 121.329, 121.333 and 129.13, notwithstanding, for the duration of this SFAR:

(1) A person described in paragraph (a) of this section may conduct flight operations and add airplanes to operations specifications with disabled lavatory oxygen systems, modified in accordance with FAA Airworthiness Directive 2011-04-09, subject to the following limitations:

(i) This relief is limited to regulatory compliance of lavatory oxygen systems.

(ii) Within 30 days of the effective date of this SFAR, all oxygen masks must be removed from affected lavatories, and the mask stowage location must be reclosed.

(iii) Within 60 days of the effective date of this SFAR each affected operator must verify that crew emergency procedures specifically include a visual check of the lavatory as a priority when checking the cabin following any event where oxygen masks were deployed in the cabin.

(2) An applicant for an airworthiness certificate may obtain an airworthiness certificate for airplanes to be operated by a person described in paragraph (a) of this section, although the airplane lavatory oxygen system is disabled.

(3) A holder of a production certificate may apply for an airworthiness certificate or approval for airplanes to be operated by a person described in paragraph (a) of this section.

(4) An applicant for a type certificate or change to a type certificate may obtain a design approval without showing compliance with §25.1447(c)(1) of this chapter for lavatory oxygen systems, in accordance with this SFAR.